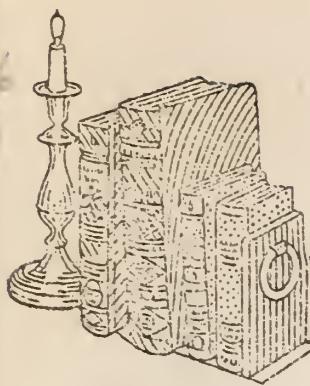


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# LIBRARY NEWSLETTER

JUN 11 1948

**U. S. DEPARTMENT OF AGRICULTURE**

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Vol. 6, No. 11.

May 1948.

## NEW BOOKS IN THE LIBRARY

THE RESPONSE OF CROPS AND SOILS TO FERTILIZERS AND MANURES, by W. B. Andrews.

Published by the Author, State College, Mississippi. 1947. 459p. 57.07 An2

The author's experience in teaching and research has afforded the opportunity to collect, organize, and interpret representative information on the response of crops and soils to fertilizers and manures. In this book are presented the data collected and the author's interpretation of that data.

SONG OF THE EARTH, by F. D. Wentzel. Christian Education Press, 1946. 111p.

30.4 W48

The first in a trilogy of books on the rural church, Song of the Earth is written in singing prose and illustrated with many full page pictures from nature and rural life. As its title implies, this introductory volume deals with the eternal verities as they are expressed in nature and mother earth. The rural church appears in the last section of the book.

A TEXTBOOK OF SYSTEMATIC BOTANY, by D. B. Swingle. 3rd ed. McGraw-Hill, 1946.

343p. 452 Sw5

Most of the chapters in this edition have been thoroughly revised and amplified, some almost entirely rewritten, and a new one has been added on methods of identification. The sequence of chapters has been changed. First come the chapters entitled Evolution in relation to taxonomy, Methods used in the identification of flowering plants, The preparation of herbaria, The terminology of systematic botany, then four chapters describing the families of spermatophytes followed by chapters on nomenclature, principles of taxonomy, systems of taxonomy, and the literature of systematic botany.

## SELECTED OLDER BOOKS

AGRICULTURE IN AN UNSTABLE ECONOMY, by T. W. Schultz. McGraw-Hill, 1945. 299p.

281.12 Sch82A

This study is an analysis of the essential conditions for a healthy, prosperous agriculture.

AMERICAN MAMMALS: THEIR LIVES, HABITS, AND ECONOMIC RELATIONS, by W. J. Hamilton. McGraw-Hill, 1939. 434p. 412.1 Hi8

This volume includes all the mammal families of North America, from Panama to the Arctic Barrens.

AMERICAN REGIONALISM: A CULTURAL-HISTORICAL APPROACH TO NATIONAL INTEGRATION, by H. W. Odum and H. E. Moore. Holt, 1938. 693p. 277.12 Od8

THE ART OF PLAIN TALK, by Rudolph Flesch. Harper, 1946. 210p. 200.4 F63

Here Dr. Flesch gives us sound and practical rules for producing readable writing.

ART IN EVERYDAY LIFE, by Harriet and Vetta Goldstein. 3rd ed. Macmillan, 1940. 497p. 317 G57

A study of the application of the fundamental principles of design and color.

ANIMAL AGGREGATIONS: A STUDY IN GENERAL SOCIOLOGY, by W. C. Allee. University of Chicago Press, 1931. 431p. 442 A15

THE ECONOMICS OF LAND RECLAMATION IN THE UNITED STATES, by R. P. Teele. Shaw, 1927. 337p. 281 T22

A discussion of the experience of the U. S. in the reclamation of land for agricultural use.

EDIBLE WILD PLANTS, by O. P. Medsger. Macmillan, 1940. 323p. 452.8 146

EFFECTIVE RADIO SPEAKING, by W. G. Hoffman and R. L. Rogers. McGraw-Hill, 1944. 241p. 145.2 H67E

The authors hope you will find in this book some systematic discussion of what makes a good radio talk good and some advice to help you give your talk the spark you want.

ESSAYS IN GEOBOTANY, edited by T. H. Goodspeed. University of California Press, 1936. 319p. 452.9 Es7

Authoritative statements of distinguished botanists of this country and abroad.

THE FARMER AND THE REST OF US, by Arthur Moore. Little, Brown, 1945. 226p. 281.12 M73

A central Illinois newspaper editor discusses the farmer and his relation to the rest of the citizens of the United States.

FIELD BOOK OF AMERICAN WILD FLOWERS, by F. S. Mathews. Putnam's Sons, 1929. 557p. 455 M42

Sub-title: A short description of their character and habits, a concise definition of their colors, and incidental references to the insects which assist in their fertilization.

FORWARD TO THE LAND, by E. T. Peterson. University of Oklahoma Press, 1942. 283p. 281.12 P442

The main thesis of this book is that the people of the United States are, as a whole, falsely adjusted to the land and that they need to march forward to a new adjustment--forward to a new soil economy.

FLOWER FAMILIES AND ANCESTORS, by F. E. Clements and E. S. Clements. H. W. Wilson, 1928. 156p. 463.67 C59F

This book was written in the hope of making the study of flowering plants both simple and attractive to beginners of all ages.

THE FUNDAMENTALS OF PERSONAL HYGIENE INCLUDING THEIR PRACTICAL APPLICATION TO HEALTHFUL LIVING, by W. W. Krueger. Saunders, 1944. 315p. 449.2 K93

THE GREEN LEAF: THE MAJOR ACTIVITIES OF PLANTS IN SUNLIGHT, by D. T. MacDougal. Appleton, 1930. 142p. 463.34 M14

HOW TO TRAIN SUPERVISORS, by R. O. Beckman. 3rd ed rev. Harper, 1944. 329p.  
249 B38

Manual and outlines for determinate discussion.

ILL FARES THE LAND: MIGRANTS AND MIGRATORY LABOR IN THE UNITED STATES, by Carey McWilliams. Little, Brown, 1942. 419p. 283 M252I

LEADERSHIP FOR RURAL LIFE, by E. D. Sanderson. Association Press, 1940. 127p.  
281.2 Sa52L

To aid in the enlistment and development of rural leadership.

LEGUMINOSAE OF LOUISIANA, by R. S. Cocks. Louisiana State Museum, 1910. 22p.  
plus plate s. 452.3 C64  
A catalogue.

MATHEMATICS IN AGRICULTURE, by R. V. McGee. Prentice-Hall, 1942. 189p. 325  
M17M

A practical book designed especially to fit the needs of people interested in agriculture.

OUR TREES: HOW TO KNOW THEM, by A. I. Emerson and C. M. Weed. Lippincott, 1918.  
295p. 455 W41

Photographs from nature by A. I. Emerson with a guide to recognition at any season of the year and notes on characteristics, distribution, and culture by C. M. Weed.

GARDEN PLANNING AND BUILDING, by H. S. Ortloff and H. B. Raymore. American Garden Guild and Doubleday, Doran, 1945. 282p. 98 Or8

The editor says of this book, it "is new; it is certainly authoritative; it is 100 per cent practical--and it is thoroughly American."

THE PARTY BOOK, by Mary J. Broen. Barnes, 1939. 354p. 280.6 B74  
A book full of games and party ideas.

pH AND PLANTS: AN INTRODUCTION FOR BEGINNERS, by James Small. Van Nostrand, 1946. 216p. 463.3 Sm1P

Gives samples over a wide field to illustrate methods of approach and type of results.

SHRUBS AND TREES FOR THE SMALL PLACE: HARDY DECIDUOUS MATERIALS FOR THE HOME GROUNDS, by P.J. Van Holle. Scribner's, 1943. 298p. 97.31 V33

A comparative evaluation of a wide range of hardy, ornamental, deciduous shrubs and small trees from the viewpoint of their usefulness in small home landscapes.

SIXTY MILLION JOBS, by Henry A. Wallace. Reynal and Hitchcock, 1945. 216p.  
280.12 W152S

SOIL AND STEEL: EXPLORING THE COMMON INTERESTS OF FARMERS AND WAGE EARNERS, by P. A. Waring and C. S. Golden. Harpor, 1947. 240p. 281.12 W23

SUPERVISING PEOPLE, by G. D. Halsey. Harpor, 1946. 233p. 249.3 H16S

This book was intended primarily for supervisors and deals primarily with the practical aspects of supervision.

A TEXTBOOK OF BOTANY FOR COLLEGES AND UNIVERSITIES, by J. N. Coulter, C. R. Barnes and H. C. Cowles. American Book Company, 1931. 463 C832  
In three volumes. Indicate which you would like to see, please.  
Vol. 1. Morphology.  
Vol. 2. Physiology.  
Vol. 3. Ecology.

THE TECHNIQUE OF HANDLING PEOPLE, by D. A. Laird and E. C. Laird. McGraw-Hill, 1943. 138p. 140 L14T

One of the most popular books in our library! It is on the shelf again. Did you read it?

TRACE ELEMENTS IN PLANTS AND ANIMALS, by Walter Stiles. Cambridge University Press, 1946. 189p. 395 St5  
A digest of information on the subject.

THE TRAGEDY OF WASTE, by Stuart Chase. Macmillan, 1930. 296p. 280.12 C38T  
An old book, but its last paragraph could have been written today! Probably much of the rest of it is applicable to today.

TREE EXPERTS MANUAL, by R. R. Fenska. De La Mare, 1943. 192p. 97.7 F36  
The purpose of this book is to give information on the care of shade and ornamental trees.

VANGUARDS OF THE FRONTIER, by Everett Dick. Appleton-Century, 1941. 574p.  
135 D55V

Sub-Title: A social history of the northern plains and Rocky Mountains from earliest white contacts to the coming of the homemaker.

VANISHING LANDS: A WORLD SURVEY OF SOIL EROSION, by G.V. Jacks and R. O. Whyte. Doubleday, Doran, 1939. 332p. 56.7 J13V  
One of the "Soil Conservation Classics."

VEGETABLE PRODUCTION AND MARKETING, by Paul Work. Wiley, 1945. 559p. 91 W89  
Emphasis is placed on the characteristics of the crop plants and their responses to various conditions of environment.

WAYS OF THE WEATHER: A CULTURAL SURVEY OF METEOROLOGY, by W. J. Humphreys. Jaques Cattell Press, 1942.  
A really fascinating book--anyway to me it is fascinating!

WEED CONTROL: A TEXTBOOK AND MANUAL, by W.W. Robbins, A. S. Crafts, and R. N. Raynor. McGraw-Hill, 1942. 543p. 79 R53W  
Main emphasis is on practical weed control methods.

WESTERN LIVE-STOCK MANAGEMENT, by E. L. Potter. Macmillan, 1930. 462p. 40 P852  
This book includes Texas and Oklahoma among the other Western States.

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Two publications in which you might be interested as a USDA employee

"Guide to Broader Understanding and Better Public Service for USDA Employees."

"Recent Changes in the Federal Civil Service Retirement System."

ARE YOU A LIBRARY PATRON?

Have you used your USDA Branch Library lately? Over a thousand of your fellow Department workers in this region have recently read books or periodicals from this library. They are interested in keeping abreast of the times--agriculturally speaking! Are you?

If you do not have access to agricultural publications locally and wish to do some reading, write to us. We are as near as your nearest post office--and we shall be happy to send publications to you.

SELECTED BULLETINS

Agronomy

"Crop Residue Management," by W. H. Nixon and H. M. Bell. SCS. Fort Worth, Tex., 1948. 20p. 1.9604 C94

"Hubam Clover," by W. M. Nixon and D. H. Taylor. SCS. Fort Worth, Tex., 1948. 12p. 1.9604 H87

"Increasing Oat Yields With Topdressing of Nitrogen," by E. B. Reynolds and J. C. Smith. Tex. Agr. Expt. Sta. Progress Report 1118. April 1948. 2p. 100 T31P

"Kudzu," by W. H. Nixon and E. H. Greene. SCS. Fort Worth, Tex., 1948. 13p. 1.9604 K95

"Popcorn," by A. M. Brunson and G. H. Smith. USDA Farmers Bulletin 1679. Revised 1948. 18p. 1 Ag84F 1679

"Vetch for Soil Improvement (in Oklahoma)," by Wesley Chaffin. Okla. Agr. Col. Ext. Cir. 472. 16p. 275.29 Old1C 472

Control of Diseases and Pests

"Cattle Lice and How To Eradicate Them," by Marion Imes. USDA Farmers' Bulletin 909. Sl. revised 1947. 21p. 1 Ag84F 909

"Control of Field Rodents in California," by T. I. Storer. Calif. Agr. Col. Ext. Cir. 138. August 1947. 51p. 275.29 Cl2C 138

"Cotton Insect Control," by C. F. Stiles. Okla. Agr. Col. Ext. Cir. 477. 1948. 8p. 275.29 Old1C 477

"New Dusts for Cotton Insect Control," by F. S. Bryant and W. A. Ruffin. Ala. Expt. Sta. Leaflet 24. March 1948. 3p. 100 ALLL

"Recognition and Control of Vegetable Diseases," by K. S. Chester and J. H. McLaughlin. Okla. Agr. Col. Ext. Cir. 475. 15p. 275.29 Old1C 475

"Tomato Diseases," by S. P. Doolittle. USDA Farmers' Bulletin 1934. Revised March 1948. 82p. 1 Ag84F 1934

"Weed Control in Rice With 2,4-D," by T. C. Ryker. La. Agr. Expt. Sta. Bul. N<sup>o</sup>. 427. March 1948. 8p. 100 L93 427

"Weeding Small Grain and Corn with 2,4-D." USDA OFFC-8. 1948. 2p.

Forestry

"Advantages of a Detailed Pre-Sale Layout and Logging Plan," by R. Aufderheide. Pacific Northwest For. Expt. Sta. For. Res. Notes 42. 7p. 1.9 F7629Fr

"Chemurgic Forest Products in Texas," by Ed. Marshall. Tex. Forest Products Notes 2. Tex. For. Service. 1944. 11p. 99.9 T31

"Effect of Bark Growth in Measurement of Periodic Growth of Individual Trees," by T. L. Finch. Northern Rocky Mountain For. and Range Expt. Sta. Res. Note 60. March 1948. 3p. 1.9622 N3R31

"Local Climate in the Copper Basin of Tennessee as Modified by the Removal of Vegetation," by C. R. Hursh. USDA Cir. 774. Jan. 1948. 38p. 1 Ag84C 774

"Oil and By-Products from Cedar and Mesquite," by E. D. Marshall. Tex. For. Prod. Notes 4. Feb. 1947. 5p. 99.9 T31 4

"Optimum Economic Stocking for Northern Hardwoods," by W. M. Zillgitt. Lake States For. Expt. Sta. Paper "O. 10. March 1948. 14p. 1.9622 L2St2. 10

"Recent and Future Developments in the Use of Wood as Wood," by E. D. Marshall. Tex. For. Prod. Notes 1. July 1944. 4p. 99.9 T31

"Shelterbelts as 'Conservers' of Moisture," Lake States For. Expt. Sta. Tech. Notes 293. 2p. April 1948. 1.9 F7625T 293

"Some Principles of Visibility and Their Application to Forest Fire Detection," by G. M. Byram and G. H. Jemison. USDA Tech. Bul. 954. March 1943. 61p. 1 Ag84Te 954

"Tables for Approximating Volume Growth of Individual Trees," by P. D. Kemp and M. E. Metcalf. Northern Rocky Mountain For. & Range Expt. Sta. Station Paper 11. March 1948. 14p. 1.9622 N3St1 11

"Utilization of Mesquite," by E. D. Marshall. Tex. For. Products Notes 3. Dec. 1945. 11p. 99.9 T31

"Utilization of Texas Woods," by E. D. Marshall. Texas Forest Products Notes 5. Nov. 1947. 30p. 99.9 T31

Miscellaneous Bulletins

"The Agricultural Research and Marketing Act of 1946: A Consideration of Basic Objectives and Procedures," by the Agriculture Committee on National Policy of the National Planning Association. April 1948. 16p.

"Animal Feeds From Wood Residue," by E. T. Harris. For. Products Research Society. 1948 Reprint. 5p.

"Low Protein Roughage for Fattening Cattle," by J. H. Knox. New Mexico Agr. Expt. Sta. Bul. 343. March 1948. 19p. 100 N46B

"Money-Saving Main Dishes." USDA AIS-69. 1948. 48p. 1 Ag84Ai

"The Principles of Poor Speaking," by H. F. Harding. Reprinted from Scientific Monthly, Jan. 1948.

"Summary of Applications of Radiosotopes to Agricultural Research as of Nov. 15, 1947," Prepared by N. H. Woodruff and S. P. Cobb. 5p.



